

This listing of claims replaces all prior versions, and listings of claims in the instant application:

Listing of Claims:

1. (Currently Amended) A method for digital content access control, comprising:

sending, by a user device to a content provisioner, a digital content request comprising a request for digital content;

receiving, from said content provisioner by said user device, an authenticated digital content request in response to said sending said digital content request;

sending, by said user device, said authenticated digital content request including one or more delivery parameters to a content repository that provides storage for said digital content, said one or more delivery parameters identifying a target device to receive digital content referenced by said authenticated digital content request;

receiving, from said content repository by said user device, encrypted digital content in response to said sending said authenticated digital content request; and

sending, by said user device, said encrypted digital content to said target device, said target device for decrypting said encrypted digital content to create decrypted digital content and for rendering said decrypted digital content on said target device.

2. (Original) The method of claim 1 wherein said digital content request comprises a Universal Resource Locator (URL); and

said authenticated digital content request comprises a tokenized URL.

3. (Original) The method of claim 2 wherein said tokenized URL further comprises a token comprising a cryptogram based at least in part on an identifier that describes the location of said digital content.

4. (Original) The method of claim 3, further comprising sending said token to said target device.

5. (Original) The method of claim 3 wherein said token is from a token pool associated with the location of digital content for which access is authorized.

6. (Original) The method of claim 1 wherein said one or more delivery parameters comprises a serial number uniquely identifying said target device.

7. (Original) The method of claim 1 wherein said one or more delivery parameters comprises a master key indicator for use in decrypting an encrypted form of said digital content.

8. (Original) The method of claim 1 wherein said one or more delivery parameters comprises a key derivation process indicator for use in deriving a cryptographic key for decrypting an encrypted form of said digital content.

9. (Original) The method of claim 1 wherein said one or more delivery parameters comprises a cryptographic process indicator that specifies a cryptographic process supported by said target device.

10. (Currently Amended) A program storage device readable by a machine, embodying a program of instructions executable by the machine to perform a method for digital content access control, the method comprising:

sending, by a user device to a content provisioner, a digital content request comprising a request for digital content;

receiving, from said content provisioner by said user device, an authenticated digital content request in response to said sending said digital content request;

sending, by said user device, said authenticated digital content request including one or more delivery parameters to a content repository that provides storage for said digital content, said one or more delivery parameters identifying a target device to receive digital content referenced by said authenticated digital content request;

receiving, from said content repository by said user device, encrypted digital content in response to said sending said authenticated digital content request; and

sending, by said user device, said encrypted digital content to said target device, said target device for decrypting said encrypted digital content to create decrypted digital content and for rendering said decrypted digital content on said target device.

11. (Original) The program storage device of claim 10 wherein

said digital content request comprises a Universal Resource Locator (URL); and

said authenticated digital content request comprises a tokenized URL.

12. (Original) The program storage device of claim 11 wherein said tokenized URL further comprises a token comprising a cryptogram based at least in part on an identifier that describes the location of said digital content.

13. (Original) The program storage device of claim 12, further comprising sending said token to said target device.

14. (Original) The program storage device of claim 12 wherein said token is from a token pool associated with the location of digital content for which access is authorized.

15. (Original) The program storage device of claim 10 wherein said one or more delivery parameters comprises a serial number uniquely identifying said target device.

16. (Original) The program storage device of claim 10 wherein said one or more delivery parameters comprises a master key indicator for use in decrypting an encrypted form of said digital content.

17. (Original) The program storage device of claim 10 wherein said one or more delivery parameters comprises a key derivation process indicator for use in deriving a cryptographic key for decrypting an encrypted form of said digital content.

18. (Original) The program storage device of claim 10 wherein said one or more delivery parameters comprises a cryptographic process indicator that specifies a cryptographic process supported by said target device.

19. (Currently Amended) An apparatus for digital content access control, comprising:

means for sending, by a user device to a content provisioner, a digital content request comprising a request for digital content;

means for receiving, from said content provisioner by said user device, an authenticated

digital content request in response to said sending said digital content request;

means for sending, by said user device, said authenticated digital content request including one or more delivery parameters to a content repository that provides storage for said digital content, said one or more delivery parameters identifying a target device to receive digital content referenced by said authenticated digital content request;

means for receiving, from said content repository by said user device, encrypted digital content in response to said sending said authenticated digital content request; and

means for sending, by said user device, said encrypted digital content to said target device, said target device for decrypting said encrypted digital content to create decrypted digital content and for rendering said decrypted digital content on said target device.

20. (Original) The apparatus of claim 19 wherein said digital content request comprises a Universal Resource Locator (URL); and
said authenticated digital content request comprises a tokenized URL.

21. (Original) The apparatus of claim 20 wherein said tokenized URL further comprises a token comprising a cryptogram based at least in part on an identifier that describes the location of said digital content.

22. (Original) The apparatus of claim 21, further comprising means for sending said token to said target device.

23. (Original) The apparatus of claim 21 wherein said token is from a token pool associated with the location of digital content for which access is authorized.

24. (Original) The apparatus of claim 19 wherein said one or more delivery parameters comprises a serial number uniquely identifying said target device.

25. (Original) The apparatus of claim 19 wherein said one or more delivery parameters comprises a master key indicator for use in decrypting an encrypted form of said digital content.

26. (Original) The apparatus of claim 19 wherein said one or more delivery parameters comprises a key derivation process indicator for use in deriving a cryptographic key for decrypting an encrypted form of said digital content.

27. (Original) The apparatus of claim 19 wherein said one or more delivery parameters comprises a cryptographic process indicator that specifies a cryptographic process supported by said target device.

28. (Currently Amended) An apparatus for digital content access control, the apparatus comprising:

a memory for storing said digital content; and
a processor configured to:

send, by a user device to a content
provisioner, a digital content request comprising
a request for digital content;

receive, from said content provisioner by
said user device, an authenticated digital
content request in response to said sending said
digital content request;

send, by said user device, said
authenticated digital content request including

one or more delivery parameters to a content repository that provides storage for said digital content, said one or more delivery parameters identifying a target device to receive digital content referenced by said authenticated digital content request;

receive, from said content repository by said user device, encrypted digital content in response to said sending said authenticated digital content request; and

send, by said user device, said encrypted digital content to said target device, said target device for decrypting said encrypted digital content to create decrypted digital content and for rendering said decrypted digital content on said target device..

29. (Original) The apparatus of claim 28 wherein said processor is further configured to receive said digital content in response to said authenticated digital content request.

30. (Original) The apparatus of claim 28 wherein said apparatus comprises a smart card.

31. (Original) The apparatus of claim 30 wherein said smart card comprises a Java Card™ technology-enabled smart card.

32. (Original) The apparatus of claim 30 wherein said smart card comprises a CDMA (Code Division Multiple Access) technology-enabled smart card.

33. (Original) The apparatus of claim 30 wherein said smart card comprises a SIM (Subscriber Identity Module) card.

34. (Original) The apparatus of claim 30 wherein said smart card comprises a WIM (Wireless Interface Module).

35. (Currently Amended) A method for digital content access control, comprising:

receiving, by a target device, a token comprising a cryptogram based at least in part on an identifier that describes the location of said digital content;

preparing, on said target device, a session key, said preparing comprising applying a cryptographic process to a key based at least in part on said token together with a target key to create said session key, said target key based at least in part on a master key and a target ID, said target ID identifying a target device;

receiving, on said target device, encrypted digital content;

decrypting, on said target device, said encrypted digital content using said session key to create decrypted digital content; and

rendering, on said target device, said decrypted digital content.

36. (Original) The method of claim 35 wherein said preparing is performed on a smart card.

37. (Original) The method of claim 35 wherein said token is from a token pool associated with the location of digital content for which access is authorized.

38. (Currently Amended) A method for digital content access control, comprising:

receiving, on a target device, a tokenized URL comprising a token having a cryptogram based at least in part on an identifier that describes the location of said digital content;

preparing, on said target device, a session key, said preparing comprising applying a cryptographic process to a key based at least in part on said token together with a target key to create said session key, said target key based at least in part on a master key and a target ID, said target ID identifying a target device;

receiving, on said target device, encrypted digital content;

decrypting, on said target device, said encrypted digital content using said session key to create decrypted digital content; and

rendering, on said target device, said decrypted digital content.

39. (Original) The method of claim 38 wherein said preparing is performed on a smart card.

40. (Original) The method of claim 38 wherein said token is from a token pool associated with the location of digital content for which access is authorized.

41. (Currently Amended) A program storage device readable by a machine, embodying a program of instructions executable by the machine to perform a method for digital content access control, the method comprising:

receiving, by a target device, a token comprising a cryptogram based at least in part on an identifier that describes the location of said digital content;

preparing, on said target device, a session key, said preparing comprising applying a cryptographic process to a key based at least in part on said token together with a target key to create said session key, said target key based at least in part on a master key and a target ID, said target ID identifying a target device;

receiving, on said target device, encrypted digital content;

decrypting, on said target device, said encrypted digital content using said session key to create decrypted digital content; and

rendering, on said target device, said decrypted digital content.

42. (Original) The program storage device of claim 41 wherein said preparing is performed on a smart card.

43. (Original) The program storage device of claim 41 wherein said token is from a token pool associated with the location of digital content for which access is authorized.

44. (Currently Amended) A program storage device readable by a machine, embodying a program of instructions executable by the machine to perform a method for digital content access control, the method comprising:

receiving, on a target device, a tokenized URL comprising a token having a cryptogram based at least in part on an identifier that describes the location of said digital content;

preparing, on said target device, a session key, said preparing comprising applying a cryptographic process to a key based at least in part on said token together with a target key to create said session key, said target key based at least in part on a master key and a target ID, said target ID identifying a target device;

receiving, on said target device, encrypted digital content;

decrypting, on said target device, said encrypted digital content using said session key to create decrypted digital content; and

rendering, on said target device, said decrypted digital content.

45. (Original) The program storage device of claim 44 wherein said preparing is performed on a smart card.

46. (Original) The program storage device of claim 44 wherein said token is from a token pool associated with the location of digital content for which access is authorized.

47. (Currently Amended) An apparatus for digital content access control, comprising:

means for receiving, by a target device, a token comprising a cryptogram based at least in part on an identifier that describes the location of said digital content;

means for preparing, on said target device, a session key, said preparing comprising applying a cryptographic process to a key based at least in part on said token together with a target key to create said session key, said target key based at least in part on a master key and a target ID, said target ID identifying a target device;

means for receiving, on said target device, encrypted digital content;

means for decrypting, on said target device, said encrypted digital content using said session key to create decrypted digital content; and

means for rendering, on said target device, said decrypted digital content.

48. (Original) The apparatus of claim 47 wherein said means for preparing comprises a smart card.

49. (Original) The apparatus of claim 47 wherein said token is from a token pool associated with the location of digital content for which access is authorized.

50. (Currently Amended) An apparatus for digital content access control, comprising:

means for receiving, on a target device, a tokenized URL comprising a token having a cryptogram based at least in part on an identifier that describes the location of said digital content;

means for preparing, on said target device, a session key, said preparing comprising applying a cryptographic process to a key based at least in part on said token together with a target key to create said session key, said target key based at least in part on a master key and a target ID, said target ID identifying a target device;

means for receiving, on said target device, encrypted digital content;

means for decrypting, on said target device, said encrypted digital content using said session key to create decrypted digital content; and

means for rendering, on said target device, said decrypted digital content.

51. (Original) The apparatus of claim 50 wherein said means for preparing comprises a smart card.

52. (Original) The apparatus of claim 50 wherein said token is from a token pool associated with the location of digital content for which access is authorized.

53. (Currently Amended) An apparatus for digital content access control, the apparatus comprising:

a memory for storing said digital content; and
a processor, of a target device, configured to:

receive, by said target device, a token comprising a cryptogram based at least in part on an identifier that describes the location of said digital content;

prepare, on said target device, a session key, said preparing comprising applying a cryptographic process to a key based at least in part on said token together with a target key to create said session key, said target key based at least in part on a master key and a target ID, said target ID identifying a target device;

receive, on said target device, encrypted digital content;

decrypt, on said target device, said encrypted digital content using said session key to create decrypted digital content; and

render, on said target device, said decrypted digital content.

54. (Original) The apparatus of claim 53 wherein said apparatus comprises a smart card.

55. (Original) The apparatus of claim 54 wherein said smart card comprises a Java Card™ technology-enabled smart card.

56. (Original) The apparatus of claim 54 wherein said smart card comprises a CDMA (Code Division Multiple Access) technology-enabled smart card.

57. (Original) The apparatus of claim 54 wherein said smart card comprises a SIM (Subscriber Identity Module) card.

58. (Original) The apparatus of claim 54 wherein said smart card comprises a WIM (Wireless Interface Module).